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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **EBE, Hiroji, et al.**

Group Art Unit: **2814**

Serial No.: **10/662,819**

Examiner: **Dana Farahani**

Filed: **September 16, 2003**

**P.T.O. Confirmation No.: 1103**

For: **QUANTUM OPTICAL SEMICONDUCTOR DEVICE**

**AMENDMENT UNDER 37 CFR §1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 14, 2004

Sir:

In response to the Office Action dated **June 30, 2004**, please amend the above-identified application as follows:

**Amendments to the Abstract** begin on page 2 of this paper.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.